

F-01ED0546

New Application: Yuji FUJIKI Filed: August 20, 2003 9 sheets of drawings FIGS.1-9 RABIN & BERDO, P.C. Atty Docket: OKI 367 Customer NO.: 23995

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FIRST MEMORY BLOCK

ADDRESS	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
0			R0 [5:0]						10 [9	9:0]				
2			R1 [5 : 0							l1 [9	9 : 0]				
4			R2 [5 : 0							12 [9	9 : 0]				
6			3 [₹	5 : 0							13 [9	9 : 0]				
8			R4 [5 : 0							14 [9	9 : 0]				
10		- 1	٦5 <u>[</u> {	5 : 0							15 [9	9 : 0]				
12			ا 36	5 : 0]						16 [9	0 : 0]				
14			37 [؛	5 : 0							17 [9	0 : 0]				
16		F	₹8 [5:0]							18 [9	9 : 0]				
18			₹9 [£	5 : 0]							19 [9	9 : 0]				

FIG. 2

SECOND MEMORY BLOCK

		Γ														
ADDRESS	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1				F	RESE	ERV	ED [DAT	Α	_				R0 [9:6]
3				F	RESE	ERV	ED [DAT	Α					R1 [9 : 6]
5				F	RESE	ERV	ED [DAT	Α					R2 [9 : 6]
7				F	RESE	ERV	ED [DAT	Α					R3 [9 : 6]
9				F	ESE	ERV	ED [DAT	Α					R4 [9:6]
11				F	RESE	ERV	ED [DAT	Α					R5 [9 : 6]
13				F	ESE	ERV	ED [DAT	Α					R6 [9 : 6]
15				F	RESE	ERV	ED [DAT	A					R7 [9 : 6]
17				_ F	ESE	ERV	ED [DAT	Α					R8 [9 : 6]
19				F	ESE	ERV	ED [DAT	A					R9 [9 : 6]
				F	ESE	ERV	ED [DAT	Α							
				F	RESE	ERV	ED I	DAT	A							

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FIRST MEMORY BLOCK

											,	,					
ADDRESS	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
0			R0 [5 : 0]			10 [9:0]									
2				12 [7	':0]							R1 [9 : 2]			
4					R3 [9:0]						13 [9	9 : 4]	: 4]		
6	R5[[1:0]	-			I5 [9 : 0]								R4 [R4 [9 : 6]		
8	1	7 [3	: 0]	A					R6 [16 [9:8]						
10									_								
12				110 [7 : 0]	▲ R9 [9 : 2]										

▲ : HEAD ADDRESS OF Ix

FIG. 3

SECOND MEMORY BLOCK

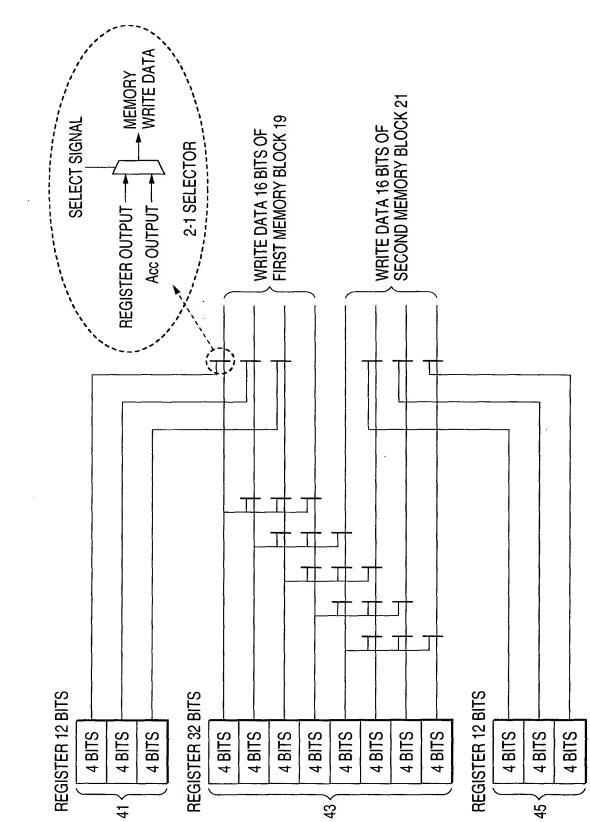
ADDRESS	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0			
1	R1[1:0]					I1 [9 : 0] 									R0 [9 : 6]				
3		13 [3	: 0]	•					R2 [9:0]				12 [9:8]			
5			R4 [5 : 0]	i					14 [9	9 : 0]			•				
7				16 [7	': 0]	':0] ▲ R5								[9:2]					
9					R7 [9 : 0]								9 : 4	4]					
11	R9[[1:0]					19 [9	9 : 0]				A		R8 [9:6	3]			
13	I1	1 [3	: 0]	•				F	310)]				110	[9:8]				

▲ : HEAD ADDRESS OF Ix

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LOGICAL ADDRESS (a)	CALCULATION FORMULA: LOGICAL ADDRESS + (LOGICAL ADDRESS) >> 2 PHYSICAL ADDRESS (A)	PHYSICAL ADDRESS (A)
0	0/2 + [(0/2)/4] = 0 + 0 = 0	0
2	2/2 + [(2/2)/4] = 1 + 0 = 1	1
4	4/2 + [(4/2)/4] = 2 + 0 = 2	2
9	6/2 + [(6/2)/4] = 3 + 0 = 3	3
&	8/2 + [(8/2)/4] = 4 + 1 = 5	5
10	10/2 + [(10/2)/4] = 5 + 1 = 6	9
12	12/2 + [(12/2)/4] = 6 + 1 = 7	7
14	14/2 + [(14/2)/4 } = 7 + 1 = 8	8
16	16/2 + [(16/2)/4 } = 8 + 2 = 10	10
18	18/2 + [(18/2)/4 } = 9 + 2 = 11	11

7 51:



F1G. 6

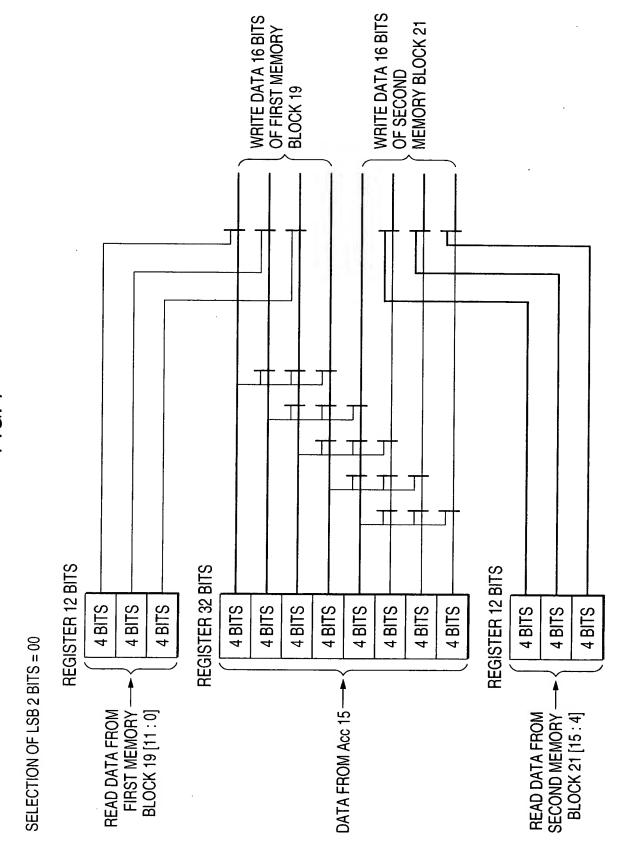
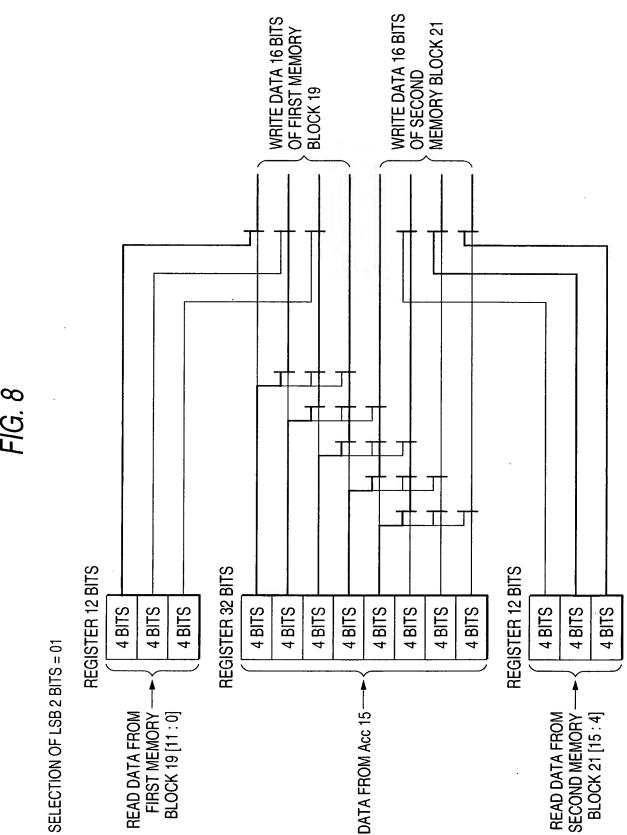


FIG. 7



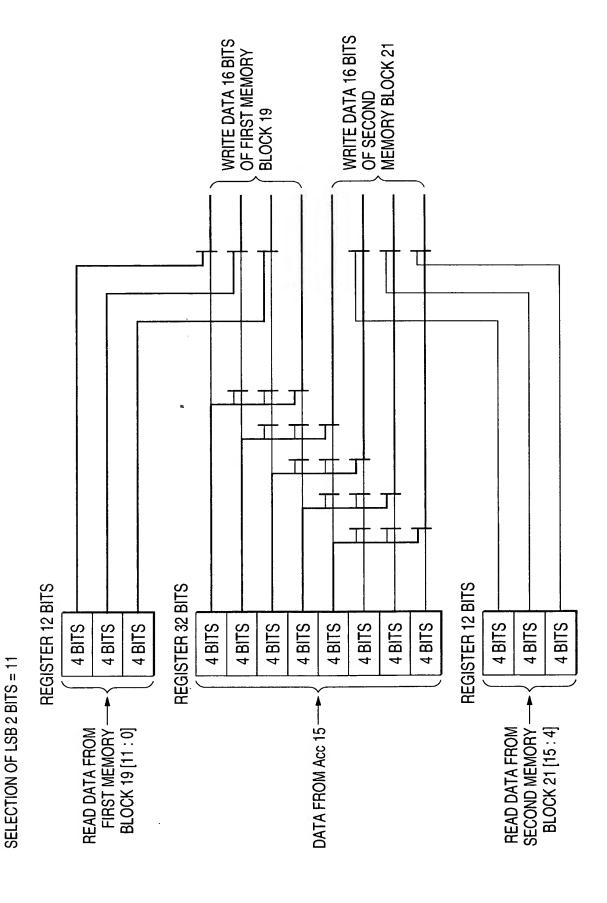


FIG. 9